

Name: _____

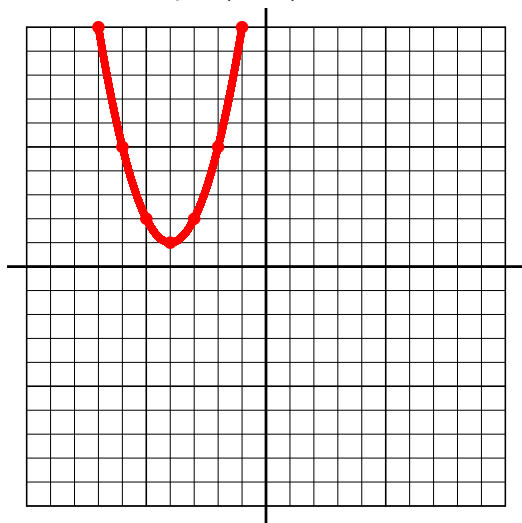
Date: _____

PCW_09_29 SOLUTION: Graph Parent Translations (version 18)

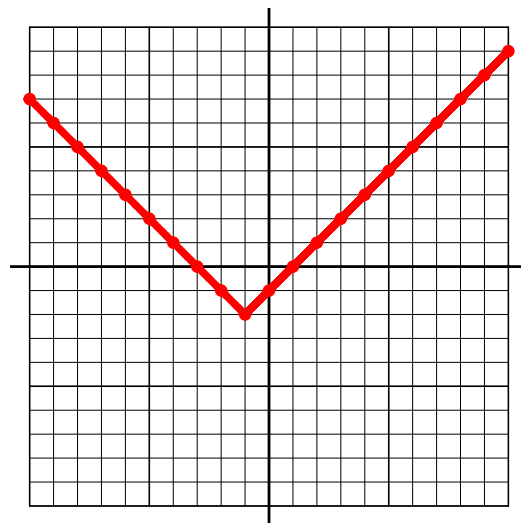
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

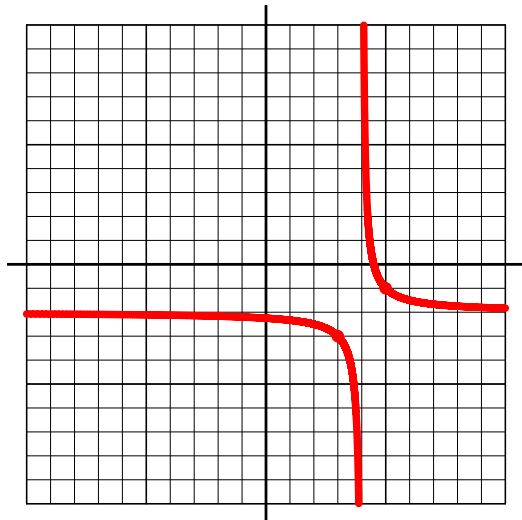
$$y = (x+4)^2 + 1$$



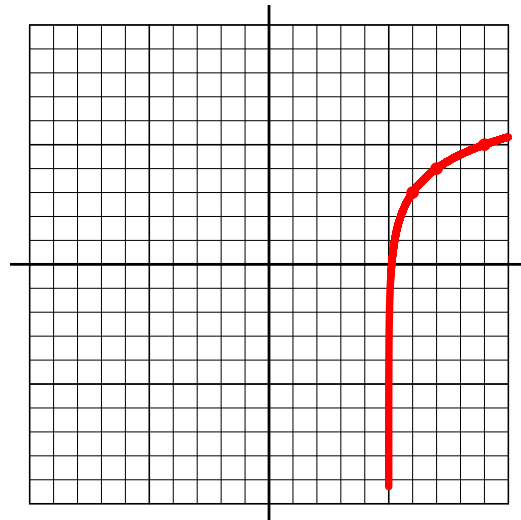
$$y = |x+1| - 2$$



$$y = \frac{1}{x-4} - 2$$



$$y = \log_2(x-5) + 3$$



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$$y = \sqrt{x+5} + 1$$

